ACCLAIM LIGHTING

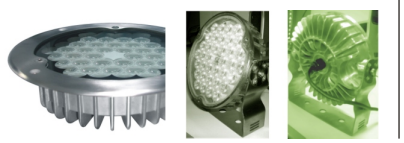
IP 68

RoHS

OUTDOOR

X-DRUM-HIP RGB

36 high power LEDs lighting



Inground version

ORDERING INFORMATION

Model	Order Code	Color	LED Qaulity	Operating Voltage	Power Consumption	Connection	Weight
X-DRUM-HIP	26-044-0163-00	RGB	36	24VDC	50W	8-Pin IP Connector	3.2Kg

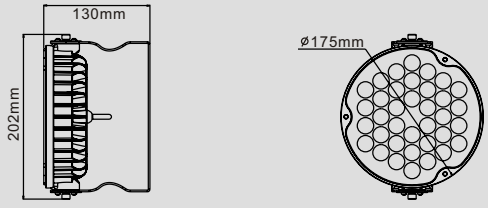
FEATURES

- ☐ Rich color changing effect
- ☐ Very long operation life in excess of 50,000 hours
- ☐ Low energy consumption
- ☐ Robust construction suitable for outdoor application
- ☐ Fully DMX controlled by X-POWER-2HP

SPECIFICATION

COLOR RANGE	16.7 million (24bit)									
SOURCE LIFE	50,000 hours under normal operating conditions									
LED TYPE	1W LUXEON R.G.B.									
POWER CONSUMPTION	50W Max at full intensity (RGB)									
CURRENT CONSUMPTION	1A									
LIGHT SOURCE	36 x 1W high power LUXEON LEDs									
BEAM ANGLE	10 deg (25, 45 deg optional)									
EMISSION WAVE LENGTH	Red			Green			Blue			IF=350mA
	Min. 620.5	Typ. 627	Max. 645	Min. 520	Typ. 530	Max. 550	Min. 440	Typ. 455	Max. 460	Unit nm
FORWARD VOLTAGE	Red			Green			Blue			IF=350mA
	Min. 2.31	Typ. 2.95	Max. 3.51	Min. 2.79	Typ. 3.42	Max. 3.99	Min. 2.79	Typ. 3.42	Max. 3.99	Unit V
CONNECTION	8-Pin IP Water proof Pulg									
CONTROLLED	X-POWER-2HP									
LISTING	CE certified									
HOUSING	Die cast stainless steel									
IP RATING	IP 68									
OPERATING TEMPERATURE	4 °C ~ +50 °C									
STORAGE TEMPERATURE	-20 °C ~ +70 °C									
DIMENSION	202(L)x 54(W)130(H)mm									

DIMENSIONS



6122 S. Eastern Ave. Los Angeles, CA. 90040 Tel:323-582-3322 Fax:323-832-9142 e-mail: eric@elationlighting.com
www.acclaimlighting.com

Downloaded from www.Manualslib.com manuals search engine

X-DRUM-HIP

▶ PHOTOMETRIC DATA

Light source specifications

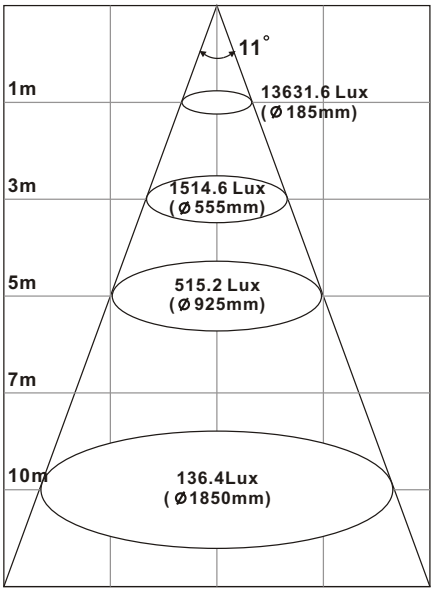
Optics:	polycarbonate lens + clear glass
Light source:	36 high power led (12 red, 12 green, 12 blue)
Beam angle:	11 deg
Light distribution:	symmetric direct illumination

ILLUMINANCE

DISTANCE / COLOR	1m		3m		5m		10m	
	Lux	Size (mm)	Lux	Size (mm)	Lux	Size (mm)	Lux	Size (mm)
RED	6493.2	182.5	721.4	540	259.8	912.5	65	1825
GREEN	7861.8	185	873.6	555	314.4	925	78.6	1850
BLUE	1440.8	177.5	160	532.5	57.6	887.5	14.4	1775
WHITE	13631.6	185	1514.6	555	545.2	925	136.4	1850

* light pattern indicates the size at 50% of peak intensity

FULL INTENSITY IN WHITE COLOR

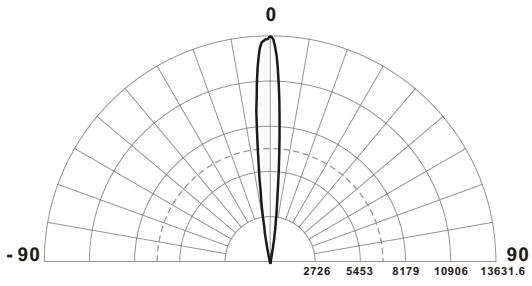


LIGHT OUTPUT

COLOR	Total (lumens)	Power(watts)	Efficacy(lm/W)
RED	311.3	17.7	17.6
GREEN	413	19.3	21.4
BLUE	69.7	19.5	3.6
WHITE	746.2	42.7	17.5

* Tested under X-POWER-2HP

LIGHT DISTRIBUTION

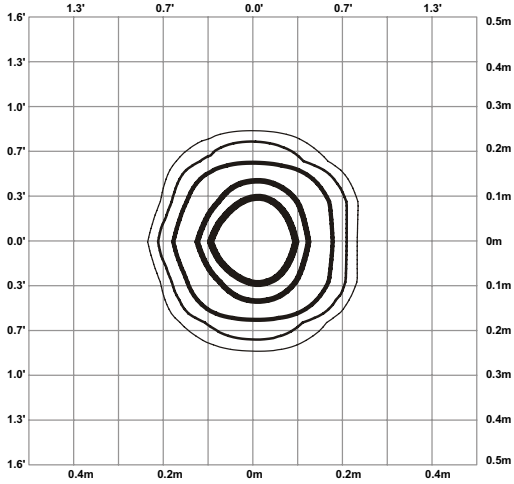


Measured on: White
Beam center: 13631.6 cd
Thin dashed lined: Indicates 50% of Peak

Beam angle: 11 degree

IES file is also avai lable

ISOLUX DIAGRAM



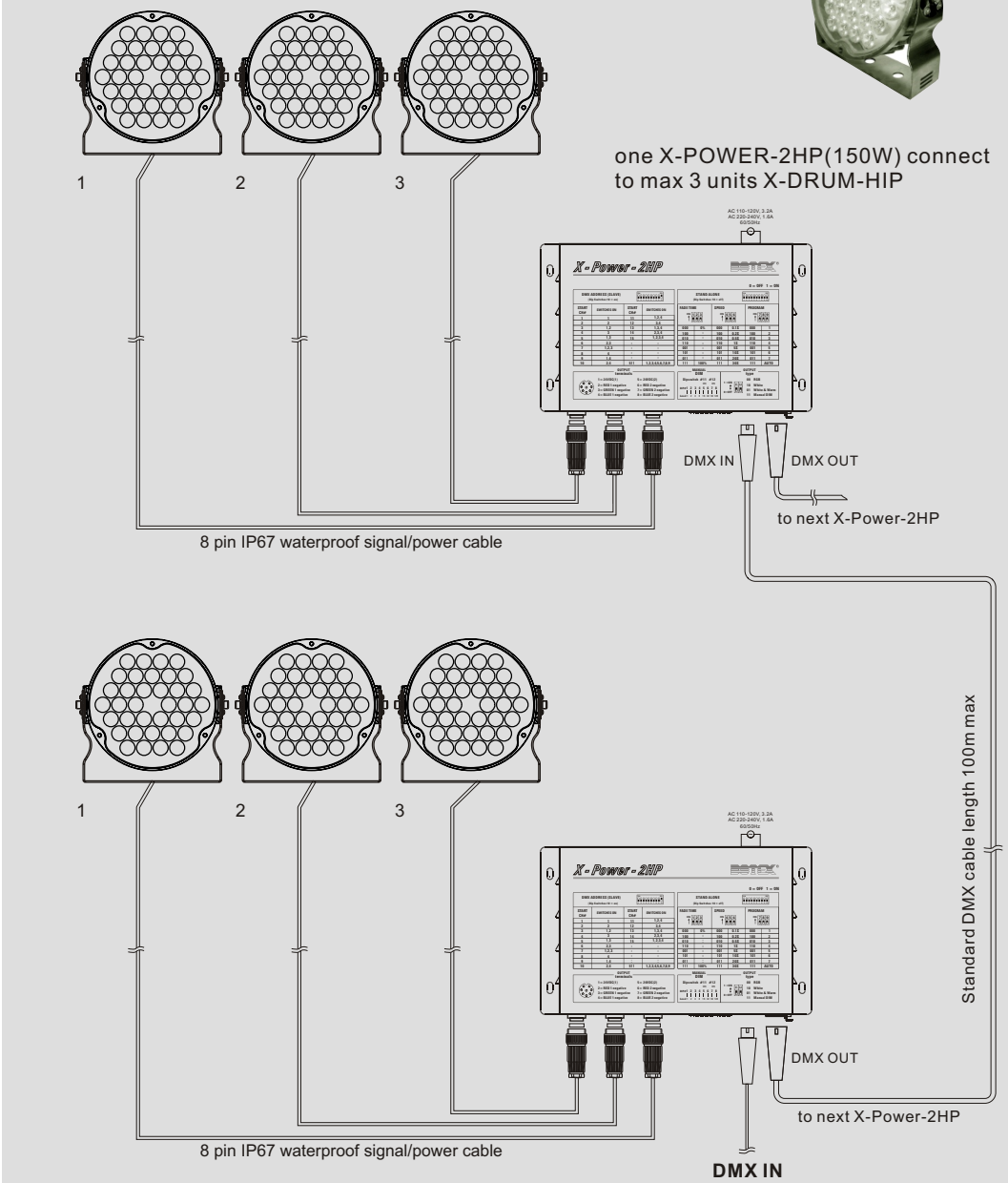
At 1m distance

3% 408.8lx
5% 681.3lx
10% 1362.6lx
30% 4087.7lx
50% 6812.9lx

6122 S. Eastern Ave. Los Angeles, CA. 90040 Tel:323-582-3322 Fax:323-832-9142 e-mail: eric@elationlighting.com
www.acclaimlighting.com

Downloaded from www.Manualslib.com manuals search engine

TECHNICAL DRAWING - CONNECTION



OUTPUT terminals

1= 24VDC(1)	5= 24VDC(2)
2= RED 1 negative	6= RED 2 negative
3= GREEN 1 negative	7= GREEN 2 negative
4= BLUE 1 negative	8= BLUE 2 negative

6122 S. Eastern Ave.Los Angeles, CA. 90040 Tel:323-582-3322 Fax:323-832-9142 e-mail: eric@elationlighting.com
www.acclaimlighting.com

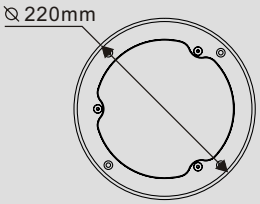
Downloaded from www.Manualslib.com manuals search engine

TECHNICAL DRAWING - DIMENSIONS

When you order X-Drum-HIP Inground, you have to order the uplight bracket and the Inground sleeve separately.

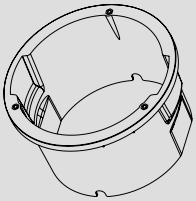
■ Uplight bracket

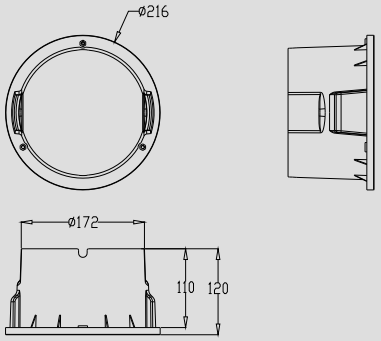
ORDER CODE: 23-001-4047-00



■ Inground Sleeve

ORDER CODE: 23-001-4308-00

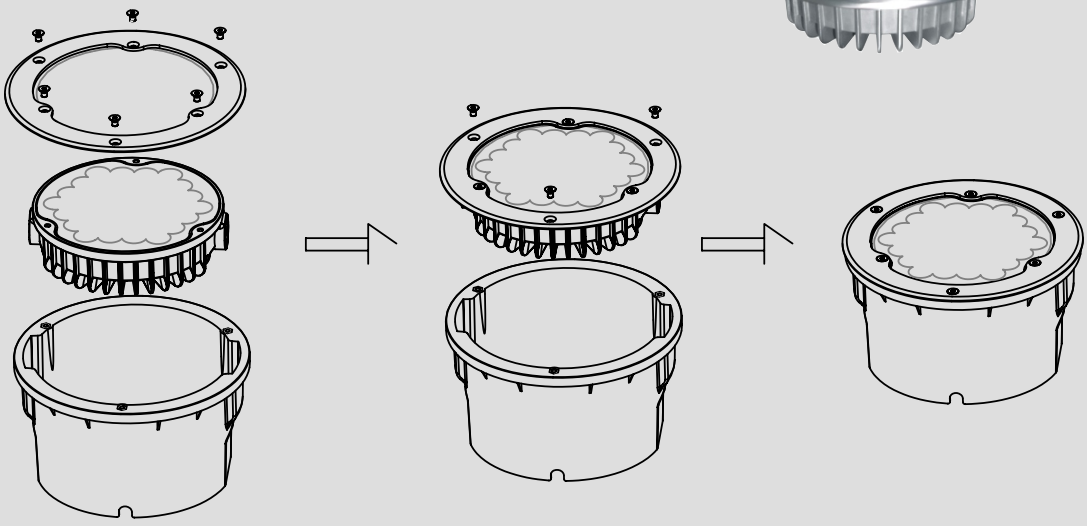




TECHNICAL DRAWING - INSTALLATION

Please refer to the below instructions for inground installation.

■ X-Drum-HIP Inground version



6122 S. Eastern Ave.Los Angeles, CA. 90040 Tel:323-582-3322 Fax:323-832-9142 e-mail: eric@elationlighting.com
www.acclaimlighting.com

Downloaded from www.Manualslib.com manuals search engine